

Lard Oil Company, Inc. Oil Spill

Denham Springs, LA - EPA Region VI

POLREP #2

Update - Final

Printer Friendly | PDF

**U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Lard Oil Company, Inc. Oil Spill- Removal Polrep**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region VI

Subject: POLREP #2
Update - Final
Lard Oil Company, Inc. Oil Spill

Denham Springs, LA
Latitude: 30.4757117 Longitude: -90.9598454

To: **Bryan Riche, LDEQ**
Reggie Cheatham, USEPA Headquarters
Marty Chabert, LOSCO
Raoult Ratard MD, LDHH
Ronald D. Crossland, USEPA Superfund Division – EMB

From: **Bryant Smalley, FOSC**

Date: **9/29/2016**

Reporting Period: **8/21/2016-9/29/2016**

1. Introduction

1.1 Background

| | | | |
|---------------------|------------------|-------------------------|---------------------------|
| Site Number: | V6RW | Contract Number: | |
| D.O. Number: | | Action Memo Date: | |
| Response Authority: | OPA | Response Type: | Emergency |
| Response Lead: | PRP | Incident Category: | Removal Assessment |
| NPL Status: | Non NPL | Operable Unit: | |
| Mobilization Date: | 8/18/2016 | Start Date: | 8/18/2016 |
| Demob Date: | 9/29/2016 | Completion Date: | 9/29/2016 |
| CERCLIS ID: | | RCRIS ID: | |
| ERNS No.: | 1156486 | State Notification: | 8/16/2016 |
| FPN#: | E16620 | Reimbursable Account #: | |



9828362

1.1.1 Incident Category
Oil Pollution Act Discharge Assessment/Response

1.1.2 Site Description

On August 18, 2016, EPA responded to a report of an oil spill from Lard Oil Co., an oil distribution facility at 914 Florida Ave. SW, in Denham Springs, Livingston Parish Louisiana. Slow moving storms dropped more than two feet of rain around Denham Springs causing flooding of the Amite River August 13-14, 2016. Floodwaters displaced oil containers and discharged an unknown volume of oil from the facility, to the surrounding neighborhood. It appears to be a localized incident and the discharge consisted of predominately lubricating oil. Early estimates were that 2-3 dozen residential yards and 6-10 homes are affected.

1.1.2.1 Location

The Site of the discharge is located at 914 Florida, Ave. SW, Denham Springs, Livingston Parish Louisiana, at 30.4757 117°, -90.9598454°. Impacted homes appear to be primarily south east of the facility along (b) (6) as well as cross streets to (b) (6)

1.1.2.2 Description of Threat

An unknown volume of oil discharged from the facility. Reports indicate several mobile storage tanks may have overturned and discharged oil from the facility and multiple smaller containers, including totes drums and buckets, were displaced off the facility property. Discharged oil impacted homes, vegetation and yards before being carried away in floodwaters. Stormwater drains to Grays Creek; thence to the Amite River, which flows to Lake Maurepas and Lake Pontchartrain, which meet the definition of "navigable waters" of the United States (US) as defined in Section 502 (7) of the Federal Water Pollution Control Act (FWPCA).

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Preliminary assessment indicates the discharged oil was predominately lubricating oil and has impacted an estimated 41 residential yards and 6-10 homes. Additionally, oil was identified in ditches and storm drains, within the impacted area.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

On August 18, 2016, EPA responded to NRC Report # 1156486 and conducted an assessment of the situation. EPA documented displaced oil tanks at the back of the facility and within resident's yards, oil in the roadside ditches and oil stains leading from the facility. After conducting the initial assessment, EPA contacted the Responsible Party (RP), Lard Oil Company, to notify them of the discharge, inform them of their responsibilities and issued them a Notice of Federal Interest. On August 19, 2016, Lard Oil Co. had a crew of approximately 30 people cleaning up pooled and standing oil in roadside ditches and residents yards to prevent further migration of the oil. Several homeowners had concerns about whether the oil presented a health concern due to vapors within the homes. Therefore, EPA conducted screenings in multiple homes for Volatile Organic Compounds (VOCs) and found no levels over 1 ppm. The RP has hired PPM Associates to conduct the assessment and manage the removal actions.

August 19-20, 2016, Response activities focused on obtaining access agreements and conducting screenings of individual properties and homes to delineate the extent of the

impact. During this screening, several areas of heavy accumulated oil was identified and clean-up crews began removing the oil.

August 21 -30, 2016 , EPA and PPM are each continuing to acquire access agreements from property owners. Currently, 72 properties have been identified within the impact area. Access agreements have been acquired by both EPA and PPM for 55 properties. Additionally, home owners have denied access to 6 properties. 46 properties have been identified with oil in the yards and 39 have some oil on the outside of the house. EPA has identified 7 houses/offices that potentially have some oil inside. The RP has questioned whether the properties were impacted by oil therefore, samples will be taken to verify the presence or absence of oil.

The RP's contractor has been cutting and bagging oiled vegetation and mowing grass at impacted properties. Grass contaminated with oil is being bagged, while uncontaminated grass is being mulched in place. Bags of oil impacted grass and woody vegetation are being staged for waste profile and disposal. Wood fence panels with oil stains are being removed and staged for disposal. Buildings with oil on the outside are being hand wiped with a degreaser and pressure washed. Additionally, two ditches have been scraped out to remove oily soil and oil impacted soil in yards is currently being scheduled. EPA is providing oversight of the removal activities and has taken multiple samples of oily materials to document its origins.

Most residents have already emptied their homes and removed flood damaged sheetrock and insulation. LDEQ has determined that limited oil sheening or residual on building materials would be de-minimized and could be disposed of with other flood debris.

August 31, 2016 - Personnel from the Louisiana Department of Health and Hospitals (LDHH) made a site visit. LDHH toured the neighborhood and observed the impacted properties. LDHH agreed to take the lead for questions or concerns related to the interior rehabilitation/clearance of residential properties. EPA also met with LDEQ to discuss future oversight of soil remediation. They agreed to provide oversight of the RP's future soil remediation activities, once visible oil was removed from properties where access has been granted.

September 1-14, 2016 - EPA provided oversight of the Lard Oil spill cleanup activities. Due to delays in approval of the Sample and Analysis Plan, work activities slowed down. The RP continues removing stained vegetation and has started scraping contaminated surface soils.

September 15-28, 2016 - Upon approval of the Sampling and Analysis Plan, the RP excavated visually contaminated soil and conducted confirmation sampling from the properties that have granted access. Visual oil staining was excavated and the soil was screened with a Volatile Organic Compound (VOC) meter prior to taking the sample. EPA provided oversight and documented progress. On September 28, contractors completed the soil removal and confirmation sampling.

September 29, 2016 - OSC Smalley Conducted a final Site walk to verify visible oil had been removed from properties where access was granted. All areas identified as oil impacted, where access was granted, appeared cleaned up. Minor staining was still noted on several chain-link fences and trees, but the RP is still waiting on the property owners to determine if these items should be removed. As agreed upon with LDEQ, visible oil removal has been completed and all further remediation activities will be turned over to LDEQ. LDHH will continue as the lead related to questions or concerns with the interior of residential properties.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

Lard Oil Company, 914 Florida Ave. SW, in Denham Springs, Livingston Parish Louisiana, is the responsible party of this incident. A Notice of Federal Interest (NOFI) was sent to the RP on August 18, 2016.

2.1.4 Progress Metrics

| Waste Stream | Medium | Quantity | Manifest # | Treatment | Disposal |
|---------------------|---------------|-----------------|-------------------|------------------|-----------------|
| | | | | | |
| | | | | | |
| | | | | | |

2.2 Planning Section

2.2.1 Anticipated Activities

No additional EPA activities are expected. LDEQ is providing future oversight of the RP's soil remediation activities. LDHH is the lead for questions or concerns related to the interior rehabilitation/clearance of residential properties.

2.2.1.1 Planned Response Activities

2.2.1.2 Next Steps

See above.

2.2.2 Issues

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

2.4.1 Narrative

Federal Project Number E16620 was opened to support EPA's response.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

3.1 Unified Command

3.2 Cooperating Agencies

LDEQ - Louisiana Department of Environmental Quality

LDHH- Louisiana Department of Health and Hospitals

4. Personnel On Site

No information available at this time.

5. Definition of Terms

bbls – barrels

EPA – Environmental Protection Agency

NOFI – Notice of Federal Interest

OSC – On-Scene Coordinator

RP – Responsible Parties

START – Superfund Technical Assessment and Response Team
LDEQ – Louisiana Department of Environmental Quality
yd³ – cubic yard

6. Additional sources of information

6.1 Internet location of additional information/report

www.epaosc.org/lardoilcompany

6.2 Reporting Schedule

7. Situational Reference Materials

No information available at this time.